

State - Industry Regulatory Review Committee

An overview of what's been done
and what's being considered

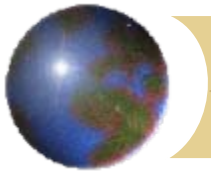


SIRRC

State Industry Regulatory Review Committee

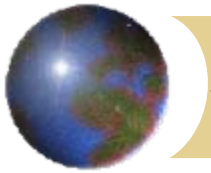
- ❖ Formed in October, 1997
- ❖ Members from NAPSIR, APGA, and AGA
- ❖ To discuss and coordinate issues regarding proposed regulations changes (Docket PS-124)
- ❖ Four meetings, 39 recommendations
- ❖ SIRRC Summary Report issued 4/26/99





OPS Actions

- ❖ Notice of proposed rulemaking was issued in March 1999 containing many of the proposals contained in the SIRRC petition. No final rule issued at this time.



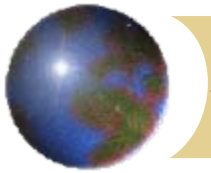
Items Addressed by SIRRC I

⚙️ §192.123(b)(2)(i);

- ☯️ For thermoplastic pipe, the temperature at which the long-term hydrostatic strength used in the design formula under § 192.121 is determined.

In NPRM





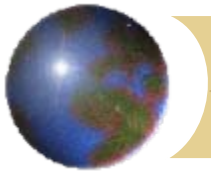
Items Addressed by SIRRRC I

⚙️ §192.225(a);

- ☯️ Welding must be performed by a qualified welder in accordance with welding procedures qualified under API, ASME, or other accepted pipeline welding standards to produce...

in NPRM



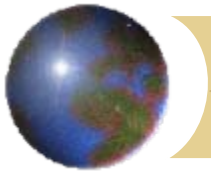


Items Addressed by SIRRRC I

⚙️ §192.241(a);

- ☯️ Visual inspection of welding must be conducted, by a person qualified by appropriate training or experience, to insure that;

in NPRM



Items Addressed by SIRRC I

in NPRM

⚓ §192.723(b)(2);

☯ ... least every fifth calendar year at intervals not exceeding 63 months.

☯ Unprotected ... Leakage surveys shall be conducted at least every third calendar year at intervals not exceeding 39 months.



Items Addressed by SIRRC I

Proposed new definitions

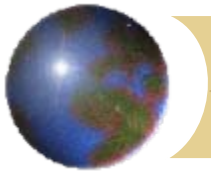
⚙ Main;

- ☯ means a segment of pipeline in a distribution system installed to transport gas to individual service lines or other mains.

⚙ Customer meter;

- ☯ means the meter that measures the transfer of gas from an operator to a customer.






Items Addressed by SIRRC I

Proposed new definitions

Service Regulator;

 means the device on a service line which controls the pressure of gas delivered from a higher pressure to the pressure provided to the customer. A service regulator may serve one customer, or multiple customers through a meter header or manifold.

 Service line terminates at the outlet



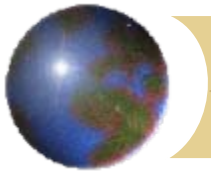


Items Addressed by SIRRC I

⚓ §192.197(a);

- ☯ If the maximum actual operating pressure of the distribution system is under 60 p.s.i.g. or less, and ...

in NPRM

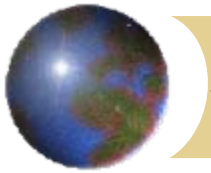


Items Addressed by SIRRC I

⚙️ §192.311;

- ☯️ Each imperfection or damage that would impair the serviceability of plastic pipe must be repaired or removed. (Delete words "*by a patching saddle*".)

in NPRM

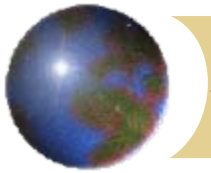


Items Addressed by SIRRC I

In NPRM

⚓ §192.321(e) & §192.361(g);

- ☯ ... Tracer wire shall not be wrapped around the pipe and contact with the pipe shall be minimized. Tracer wire or other metallic elements installed for pipe locating purposes shall be resistant to corrosion damage, either by use of coated copper wire or by other means.

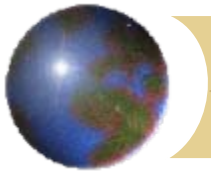


Items Addressed by SIRRC I

⚙️ §192.457(b)(3)

- ☯ Bare or coated distribution lines. The operator shall determine the areas of active corrosion by electrical survey or by analysis and review of the pipeline condition. Analysis and review shall include, but is not limited to, leak repair history, exposed pipe condition reports, and the pipeline environment. CIS

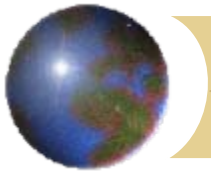




Items Addressed by SIRRRC I

⚓ §192.465(e)

- ☯ (i) For transmission – evaluate unprotected by electrical survey unless impractical, then analysis and review of pipeline condition.
- ☯ (ii) For distribution – evaluate unprotected by electrical survey or analysis and review.

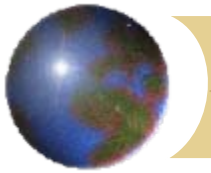


Items Addressed by SIRRC I

⚙️ §192.459;

- ☯️ A record of the examination results shall be made in accordance with §192.491 (c).

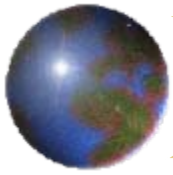
in NPRM



Items Addressed by SIRRC I

⚓ §192.479

- ☯ Each aboveground or exposed ... Operator need not comply, if operator can demonstrate ... active corrosion does not exist.
- ☯ If active corrosion found,
Take remedial action per .485, .487, .489
and
Clean and coat or jacket



Items Addressed by SIRRRC I

⚙️ §192.483(d);

☯️ If it is determined that a casing is electrically shorted to a pipeline the operator shall:

- **(1) Clear the short, if practical, or**
- **(2) Fill the casing with a corrosion inhibiting material, or**
- **(3) Monitor for leakage with leak detection equipment at least once each at intervals not to exceed 15 months, or**
- **(4) Conduct an initial inspection with an internal inspection device capable of detecting external corrosion in a cased pipeline, and repeat at least every five years at intervals not to exceed 63 months.**

In NPRM



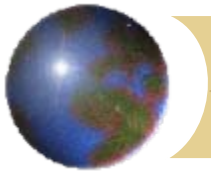
Items Addressed by SIRRRC I

⚓ §192.553(d);

- ☯ ... A new maximum allowable operating pressure established under this subpart may not exceed the maximum that would be allowed under *this part per* §192.619 and .621.

in NPRM

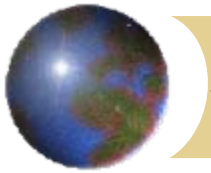




Items Addressed by SIRRC I

⚓ §192.605(b)(11)

- ☯ Prompt and effective response to a report of a gas odor inside or near a building.



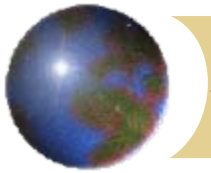
Items Addressed by SIRRC I

⚓ §192.625(f);

- ☯ Each operator shall conduct periodic sampling ... Sampling shall be done using an instrument capable of determining the percentage of gas in air at which the odor becomes readily detectable.

in NPRM





Items Addressed by SIRRC I

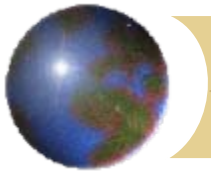
⚙️ §192.739(c)

- ☯️ Set to *function* control or relieve at the correct pressures consistent with §192.201.

⚙️ §192.743(c);

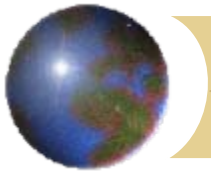
- ☯️ If the relieving device is of insufficient capacity to comply with §192.201,

In NPRM



SIRRC II

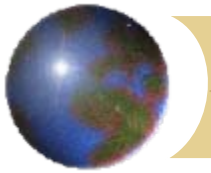
- ❖ Reviewing MAOP, Testing, & Uprating.
- ❖ Not to affect any language regarding pipelines operating greater than 30% SMYS.
- ❖ Approach from a “package” instead of individual items.



SIRRC II



- ❖ Recognizing fact that at these lower pressures, a pressure test is a leak test versus a strength test.
- ❖ Ten voting members, four observers, two consultants.
- ❖ Met seven times so far. Consensus within group for most part.

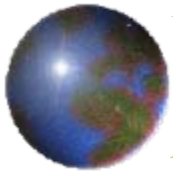




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Proposals

-  Propose all steel lines $< 30\%$ SMYS and all other pipelines, regardless of classification, below 125 psig be tested to 90 psig or 1.5 x's intended MAOP
-  Proposes very minimum test durations for lower stress level lines.



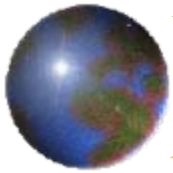
SIRRC II

- Propose to relocate requirements for testing reinstated services into Subpart J. Also adds minimum of 3 psig for low pressure.
- Propose specific records to be retained for all tests, except for “customer-owned” services.



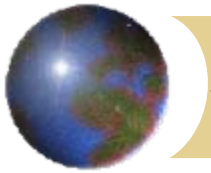
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- Remove word “part” and insert “subparts C and D” under 192.553(d) for distribution lines. May never exceed design in an uprate. Additional language is inserted with regards to unknown materials.
- Remove mandatory leak survey prior to commencement of an uprate and adds an additional survey after an uprate is completed.



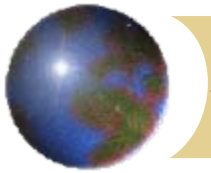
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- Propose a more extensive list of items required of system analysis prior to commencement of an uprate.
- Proposal to add performance language with regards to leak surveys and appropriate times and weather conditions to perform such.



SIRRC II

- ☯ MAOP determination language is rewritten to be consistent with testing language.
- ☯ Proposal to add language to allow operations above MAOP but below build-up allowances specified in 192.201 for extreme temperature conditions, loss of supply and other “emergency” situations.



SIRRC II

- ☯ Proposal to add requirement for a leak survey within 10 days after a pressure increase of 50% or 20 psig, whichever is greater, above the highest sustained pressure the system has been operating during the last five years.